

KR9601009

- IN - KR9601009 B1 19960117
- IP - KR19930006067 19930412
- II - GLASS COMPOSITION FOR SEALING
- IC - C03C8/24
- ID - C04B35/18; C03C10/00
- IE - KEUMKANG CO LTD [KR]
- IF - MIN HEUNG-SIK [KR]; CHOE SEUNG-KYU [KR]; AHN YOUNG-KEUN [KR]
- IG - KR19930006067 19930412
- IH - WF
- II - The title composition comprises 88-92 wt% alumina( $\text{Al}_2\text{O}_3$ ), 3-5 wt% silica( $\text{SiO}_2$ ), 0.5-1.5 wt% magnesia( $\text{MgO}$ ), 0.5-1.5 wt% calcia( $\text{CaO}$ ), 1-3 wt% manganese oxide( $\text{MnO}$ ), 1-2 wt% chromia( $\text{Cr}_2\text{O}_3$ ) and 0.5-1 wt% zirconia( $\text{ZrO}_2$ ). The used alumina powder has 70% of 2-4 microns size particles and 30% of 0.4-0.5 microns size particles, and the particle size of the silica is 1-3 microns. The total weight of  $\text{MgO}$ ,  $\text{CaO}$ ,  $\text{MnO}$ ,  $\text{Cr}_2\text{O}_3$  and  $\text{ZrO}_2$  is 5-7% with respect to the whole weight of the composition.